

Troubleshooting

Troubleshooting Flowchart- Blower

NOTE: Check for a blown No.18 (30 A), No.8 (7.5 A) fuse.

Blower motor does not run at all.

Disconnect the 2-P connector from the blower motor.

Turn the ignition switch ON.

Measure the voltage between YEL/BLK terminal (+) and body ground (-).

Is there battery voltage ?

NO

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YES

Inspect the blower motor.

Is the blower motor OK ?

NO

Replace the blower motor

YES

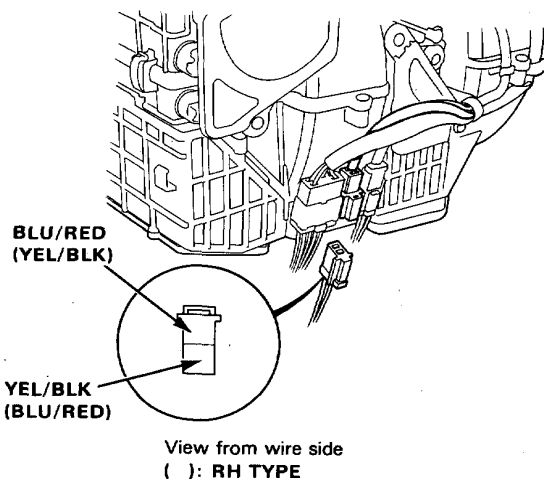
Turn the ignition switch OFF.

Reconnect the 2-P connector to the blower motor.

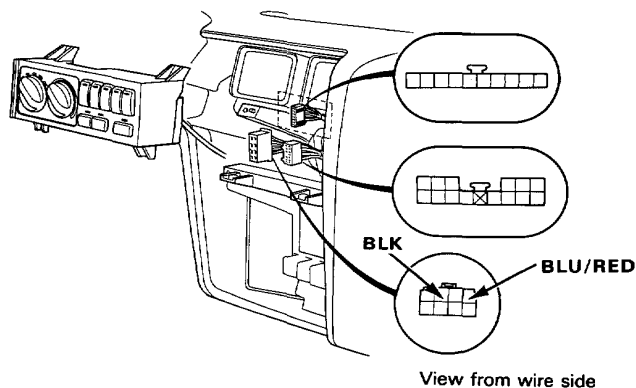
Disconnect the 8-P connector from the heater fan switch.

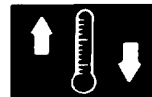
Measure the voltage between BLU/RED terminal (+) and body ground (-).

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NOTE: Connect the battery positive to the YEL/BLK terminal and negative to the BLU/RED terminal and check that the blower motor runs.





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Turn the ignition switch ON.

Is there battery voltage ?

NO

Repair open in BLU/RED wire between blower and fan switch.

YES

Turn the ignition switch OFF.

Inspect the fan switch (page 15-34).

Is the fan switch OK ?

NO

Replace the fan switch

YES

Repair open in BLK wire between the fan switch and body ground or poor ground (G401, 402).

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Turn the ignition switch OFF.

Disconnect the blower relay from the fuse box.

Inspect the blower relay. (page 15-34).

Is the blower relay OK ?

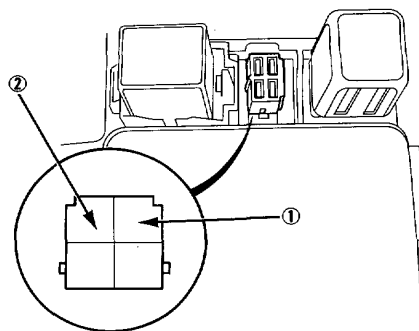
NO

Replace the blower relay

YES

Measure the voltage between the fuse box No.1 terminal (+) and body ground (-).

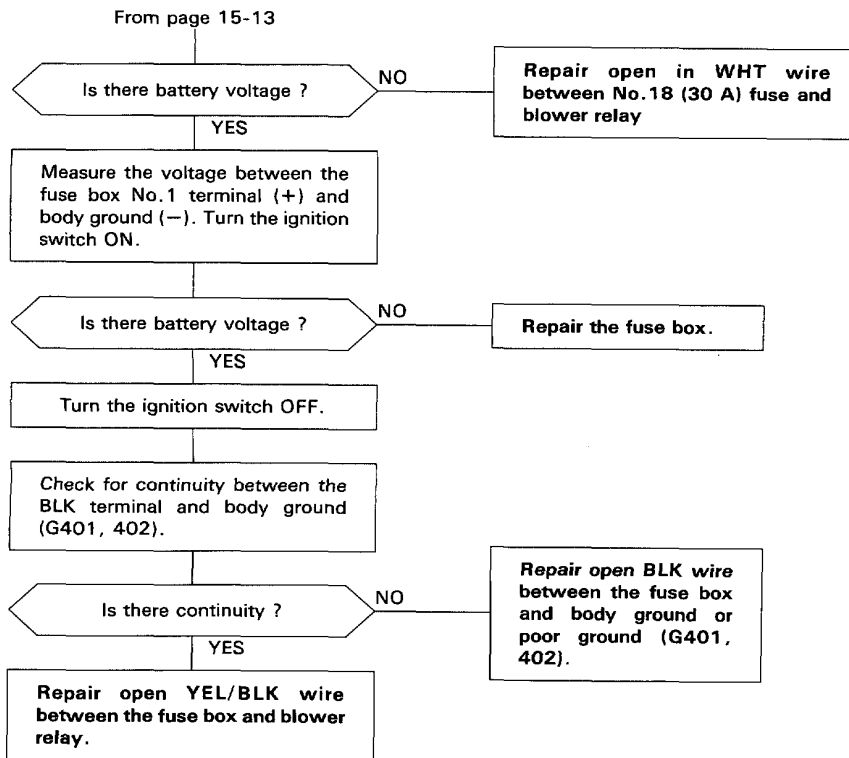
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Troubleshooting

Troubleshooting Flowchart-Blower (cont'd)





Troubleshooting Flowchart — Function Control

NOTE: Check the following

- blown No.8 (7.5 A) fuse
- sticking function link and function doors

Function control motor does not run.

Disconnect the 8-P connector from the function control motor.

Turn the ignition switch ON.

Measure the voltage between YEL/BLK terminal (+) and body ground (-).

Is there battery voltage ?

NO

Repair open in YEL/BLK wire between the function control motor and fuse box.

YES

Check for continuity from BLK terminal to body ground.

Is there continuity ?

NO

Repair open in BLK wire between the function control motor and body ground or poor ground (G401, 402)

YES

Turn the ignition switch OFF.

Inspect the function control motor (page 15-37).

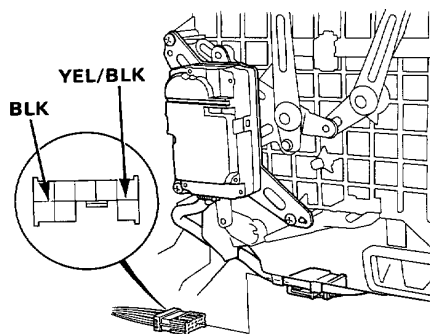
Is the function control motor OK ?

NO

Replace the function control motor.

YES

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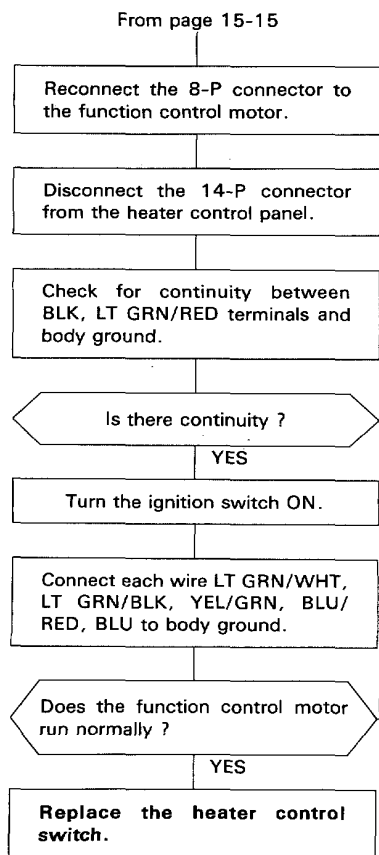


View from wire side

(cont'd)

Troubleshooting

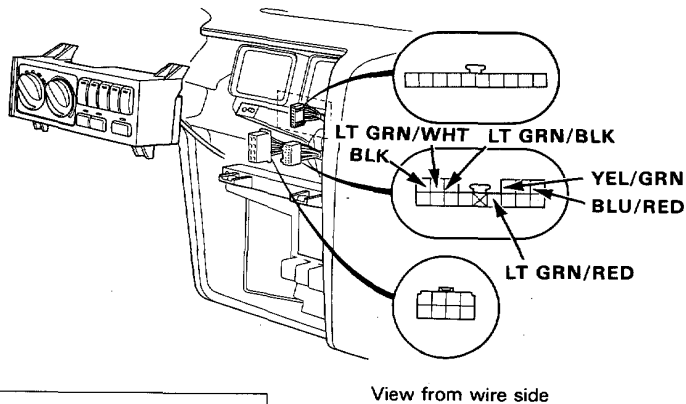
Troubleshooting Flowchart — Function Control (cont'd)



Repair open in BLK, LT GRN/RED wire or poor ground (G401, 402).

NOTE: If the function control motor is in the vent position, it will not run when the LT GRN/WHT wire is grounded. In this case, ground the LT GRN/WHT wire again after grounding the other wires.

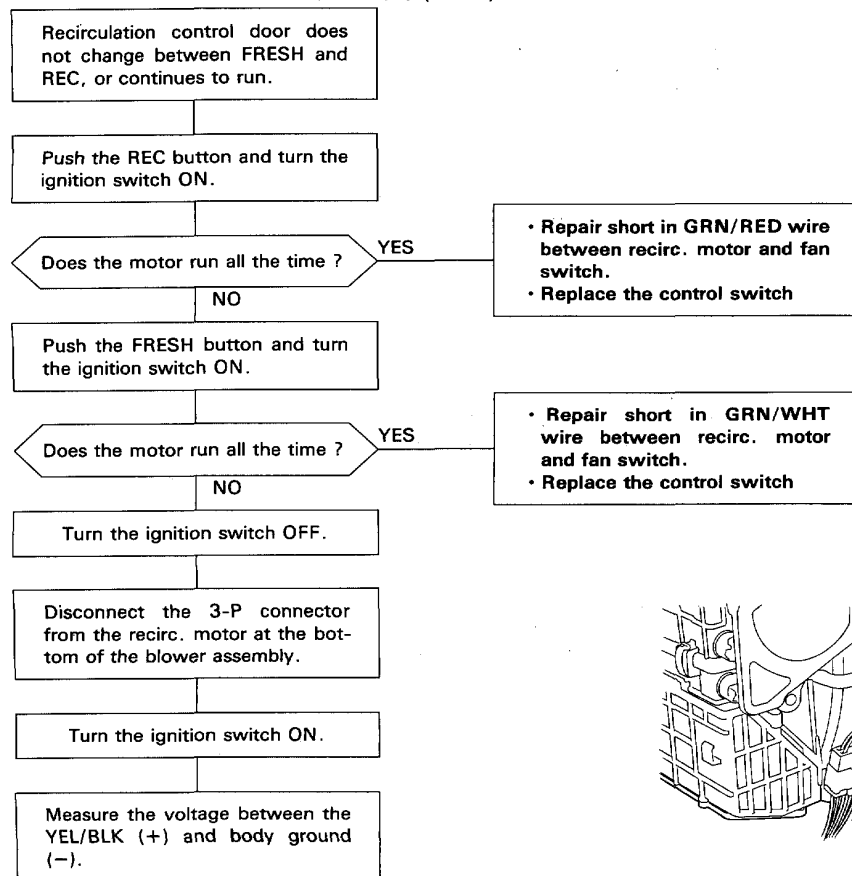
Repair open in wire (LT GRN/WHT, LT GRN/BLK, YEL/GRN, BLU/RED, BLU) between the function control motor and heater control panel.



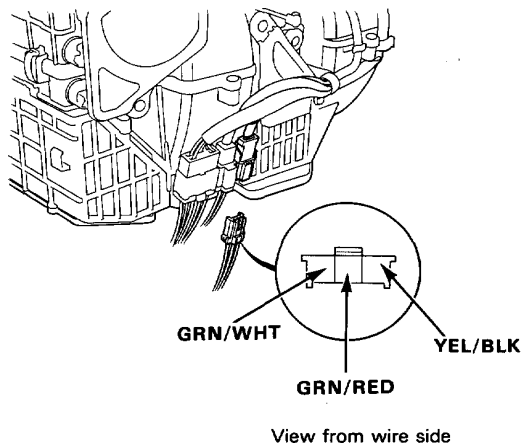


Troubleshooting Flowchart — Recirculation Control

NOTE : Check following; • Sticking blower side link and recirc door
• Blown No.8 (7.5 A) fuse



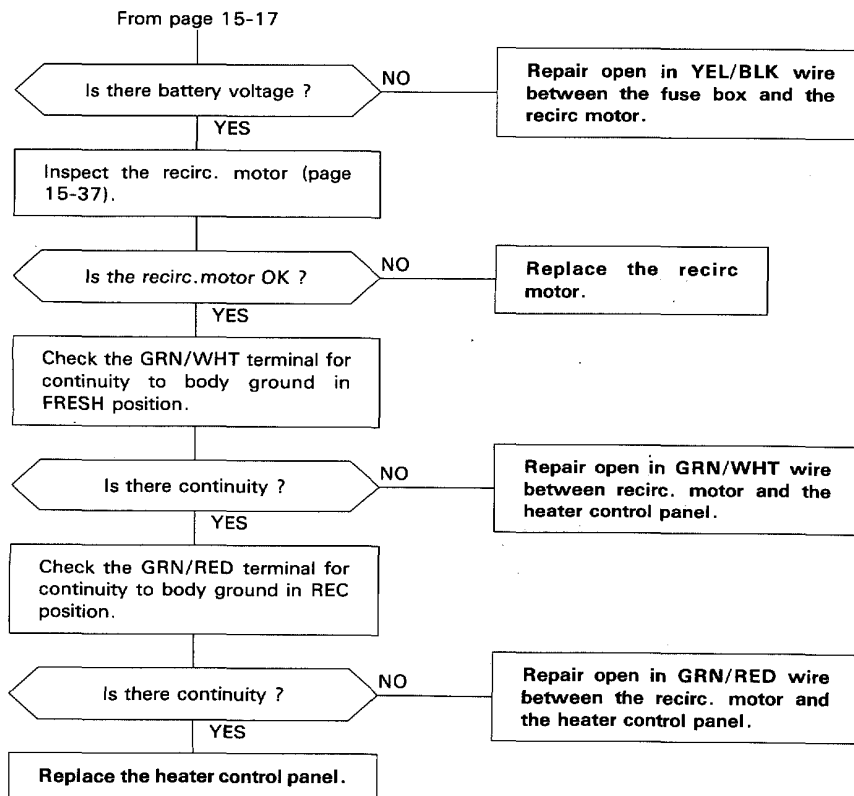
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Troubleshooting Flowchart — Recirculation Control (cont'd)

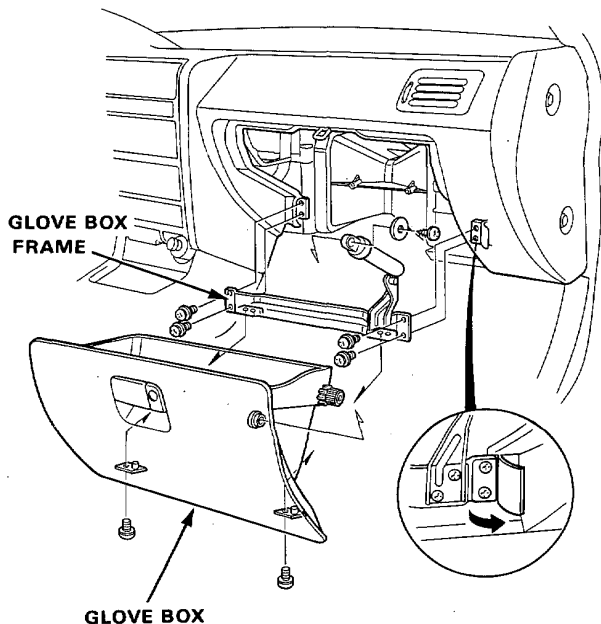


Blower

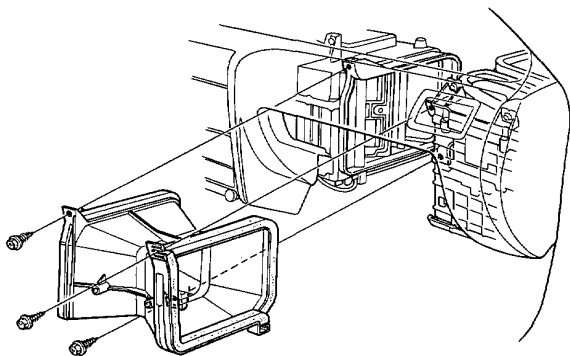


Replacement

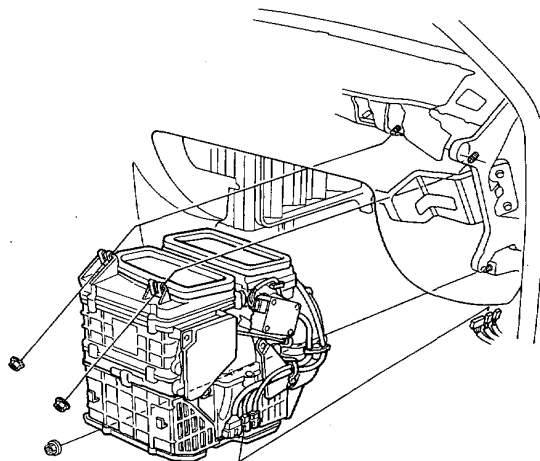
1. Remove the glove box.
2. Remove the glove box frame.



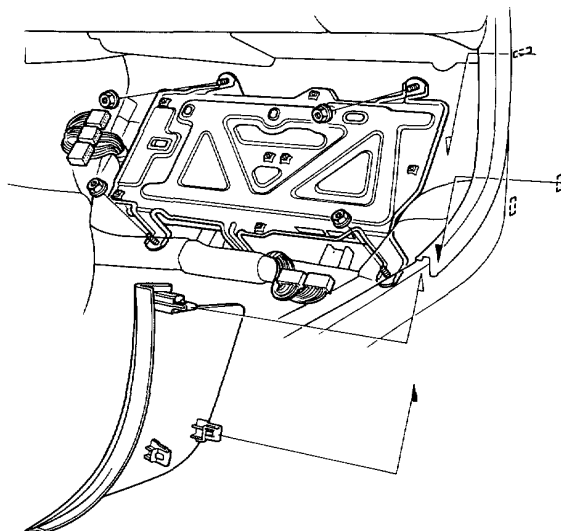
3. (Without A/C)
Remove the self-tapping screws (2) and remove the heater duct.



4. (Without A/C)
Remove the blower mounting nuts (3). Disconnect the connectors from the blower motor, resistor and recirculation control motor, then remove the blower.



5. (With A/C)
Turn over the carpet and remove the side cover. Remove the control unit bracket mounting nuts (4). Disconnect the connectors (5) and remove the control unit bracket.



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